

AMENDMENT NO. 1 FEBRUARY 2022

TO

**IS 11352 : 2018 FLEXIBLE POUCHES FOR THE
PACKING OF VANASPATI UP TO 2 KG
OR 2 LITRES — SPECIFICATION**

(Third Revision)

(Foreword, para 9) — Insert the following new para after para 9:

‘This amendment is based on the FSSAI Regulations 2018 vide notification number F. No. 1-95/Stds/Packaging/SP (L&C/A)/FSSAI-2017, and draft amendment Regulations 2020, vide notification number F.No.Std/SP-20/T-01. This amendment includes specific migration limit of toxic substances listed by FSSAI.

This amendment also includes updated references.’

(Page 1, clause 2) — Substitute the following for the existing clause:

‘2 REFERENCES

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreement based on standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No./ Other Publication</i>	<i>Title</i>
IS 2508 : 2016	Polyethylene films (<i>third revision</i>)
IS 2771 (Part 1) : 1990	Fibre board boxes: Part 1 Corrugated fibre board boxes (<i>second revision</i>)
IS 2828 : 2019/ ISO 472 : 2013	Plastics — Vocabulary (<i>second revision</i>)

Price Group 1

<i>IS No./ Other Publication</i>	<i>Title</i>
IS 3025 (Part 2) : 2019/ ISO 11885 : 2007	Methods of sampling and test (physical and chemical) for water and wastewater: Part 2 Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES) (<i>first revision</i>)
IS 4261 : 2001	Glossary of terms relating to paper and pulp based packaging materials (<i>first revision</i>)
IS 7019 : 1998	Glossary of terms in plastics and flexible packaging, excluding paper (<i>second revision</i>)
IS 7028 (Part 2) : 2002	Performance tests for complete, filled transport packages: Part 2 Vibration test at fixed low frequency (<i>second revision</i>)
IS 8639 : 1977	Code for evaluation of the effect of packaging and storage on the sensory qualities of foods and beverages
IS 9845 : 1998	Determination of overall migration of constituents of plastics materials and articles intended to come in contact with foodstuffs — Method of analysis (<i>second revision</i>)
IS 10142 : 1999	Polystyrene (crystal and high impact) for its safe use in contact with foodstuffs, pharmaceuticals and drinking water — Specification (<i>first revision</i>)
IS 10146 : 1982	Specification for polyethylene for its safe use in contact with foodstuffs, pharmaceuticals and drinking water
IS 10151 : 2019	Polyvinyl chloride (PVC) and its copolymers for its safe use in contact with foodstuffs, pharmaceuticals and drinking water — Specification (<i>first revision</i>)
IS 10633 : 2017	Vanaspati — Specification (<i>third revision</i>)

<i>IS No./ Other Publication</i>	<i>Title</i>
IS 10910 : 1984	Specification for polypropylene and its copolymers for its safe use in contact with foodstuffs, pharmaceuticals and drinking water
IS 11434 : 1985	Specification for ionomer resins for its safe use in contact with foodstuffs, pharmaceuticals and drinking water
IS 11704 : 1986	Specification for ethylene acrylic acid (EAA) copolymers for their safe use in contact with foodstuffs, pharmaceuticals and drinking water
IS 14534 : 2016	Plastics — Guidelines for the recovery and of recycling of plastics waste (<i>first revision</i>)
IS 14636 : 1998	Flexible packaging materials for packaging of edible oils, ghee and vanaspati
ISO 18856 : 2004	Water quality — Determination of selected phthalates using gas chromatography/mass spectrometry'

(Page 3, *clause 5.9*) — Insert the following new clause after **5.9**:

‘5.10 Determination of Specific Migration

5.10.1 The specific migration is tested to determine the quantity of a specific substance that can migrate from a food packaging material or food container into food. Specific migration limits are usually expressed as mg/kg food.

5.10.2 The sample/simulants shall be prepared using the procedure described in IS 9845.

5.10.3 The limit of specific migration of all toxic substances when tested as prescribed in column 4 of Table 2 shall not release the substances in quantities exceeding the specific migration limits listed under Table 2.

Table 2 Specific Migration Limits
(Clause 5.10.3)

Sl No.	Toxic Substances	Migration Limit, <i>Maximum</i> , mg/kg	Test Method
(1)	(2)	(3)	(4)
i)	Barium	1.0	IS 3025(Part 2)
ii)	Cobalt	0.05	-do-
iii)	Copper	5.0	-do-
iv)	Iron	48.0	-do-
v)	Lithium	0.6	-do-
vi)	Manganese	0.6	-do-
vii)	Zinc	25.0	-do-
viii)	Antimony	0.04	-do-
ix)	Phthalic acid, bis(2-ethylhexyl)ester (DEHP)	1.5	ISO 18856'

(Page 3, clause 7.3) — Substitute the following for the existing clause:

‘7.3 BIS Certification Marking

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act*, 2016 and the Rules and Regulations framed thereunder, and the products may be marked with the Standard Mark.’